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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 24, 2002 (use as many sheets as necessary)		Application Number	10/063,806
		Filing Date	05/15/02
		First Named Inventor	Dinko E. GONZALEZ TROTTER et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Attorney Docket Number	040849/0188		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>DOM</i>	A1	5,474,072		Shmulewitz	12/12/1995	
<i>DOM</i>	A2	5,983,123		Shmulewitz	11/9/1999	
<i>DOM</i>	A3	5,630,426		Eggers et al.	5/20/1997	
<i>DOM</i>	A4	5,479,927		Shmulewitz	1/2/1996	
<i>DOM</i>	A5	5,938,613		Shmulewitz	8/17/1999	
<i>DOM</i>	A6	5,851,180		Crosby et al.	12/22/1998	
<i>DOM</i>	A7	5,840,022		Richter	11/24/1998	
<i>DOM</i>	A8	5,776,062		Nields	7/7/1998	
<i>DOM</i>	A9	5,660,185		Shmulewitz et al.	8/26/1997	
<i>DOM</i>	A10	5,664,573		Shmulewitz	9/9/1997	
<i>DOM</i>	A11	5,820,552		Crosby et al.	10/13/1998	
<i>DOM</i>	A12	5,603,326		Richter	2/18/1997	
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<i>DOM</i>	A16	5,828,774		Wang	10/27/1998	
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Examiner Signature

David Brown

Date Considered

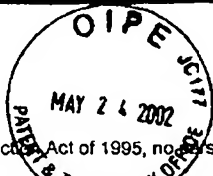
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PTO/SB/08B (08-00)

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Substitute for form 300-1 TO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: <u>May 24, 2002</u> (use as many sheets as necessary)		Application Number	10/063,806		
		Filing Date	05/15/02		
		First Named Inventor	Dinko E. GONZALEZ TROTTER et al.		
		Group Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	2	of	4	Attorney Docket Number	040849/0188

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
DEM	A30	A. THOMAS STAVROS et al.: "Solid Breast Nodules: Use of Sonography to Distinguish between Benign and Malignant Lesions," Radiology, July 1995, pages 123-134, Volume 196, Number 1, Englewood, CO		
DEM	A31	THOMAS M. KOLB et al.: "Occult Cancer in Women with Dense Breasts: Detection with Screening US-Diagnostic Yield and Tumor Characteristics," Radiology, April 1998, pages 191-199, Volume 207, Number 1		
DEM	A32	DANIEL B. KOPANS et al.: "Development and Clinical Evaluation of Tomosynthesis for Digital Mammography; Technical and Cost Proposal," Clinical Translational Research Award, Department of Defense Breast Cancer Research Program, November 19, 1997, pages 1-54		
DEM	A33	NICO KARSSSEMEIJER: "Computer-Aided Detection and Interpretation in Mammography," pages 243-252		
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DEM	A36	CELIA BYRNE et al.: "Mammographic Features and Breast Cancer Risk: Effects with Time, Age, and Menopause Status," Journal of the National Cancer Institute, November 1, 1995, pages 1622-1629, Vol. 87, No. 21		
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DEM	A39	SHUK-MEI LAI et al.: "On Techniques for Detecting Circumscribed Masses in Mammograms," IEEE Transactions on Medical Imaging, December 1989, pages 377-386, Vol. 8, No. 4, IEEE		
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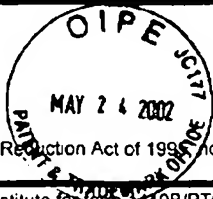
Examiner Signature	<i>David Brown</i>	Date Considered	9/20/03
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		Filing Date	05/15/02
		First Named Inventor	Dinko E. GONZALEZ TROTTER et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 3 of 4	Attorney Docket Number	040849/0188	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>DM</i>	A41	WEI ZHANG et al.: "Optimally Weighted Wavelet Transform Based on Supervised Training for Detection of Microcalcifications in Digital Mammograms," Med. Phys. June 1998, pages 949-956, Vol. 25, No. 6, Am. Assoc. Phys. Med.	
<i>DM</i>	A42	BERKMAN SAHINER et al.: "Computerized Characterization of Masses on Mammograms: The Rubber Band Straightening Transform and Texture Analysis," Med. Phys. April 1998, pages 516-526, Vol. 25, No. 4, Am. Assoc. Phys. Med.	
<i>DM</i>	A43	ZHIMIN HUO et al.: "Computerized Analysis of Mammographic Parenchymal Patterns for Breast Cancer Risk Assessment: Feature Selection," Med. Phys., January 2000, pages 4-12, Vol. 27, No. 1, Am. Assoc. Phys. Med.	
<i>DM</i>	A44	DATONG WEI et al.: "Classification of Mass and Normal Breast Tissue on Digital Mammograms: Multiresolution Texture Analysis," Med. Phys. September 1995, pages 1501-1513, Vol. 22, No. 9, Am. Assoc. Phys. Med.	
<i>DM</i>	A45	JOHN J. HEINE et al.: "Multiresolution Statistical Analysis of High-Resolution Digital Mammograms," IEEE Transactions on Medical Imaging, October 1997, pages 503-515, Vol. 16, No. 5, IEEE	
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<i>DM</i>	A49	DUDA et al.: "Pattern Classification," 2001, pages 161-199	
<i>DM</i>	A50	LAURA M. YARUSSO et al.: "Application of Computer-Aided Diagnosis to Full-Field Digital Mammography," IWDM 2000, 5th International Workshop on Digital Mammography, pages 421-246, 2001, Medical Physics Publishing, Madison, Wisconsin	
<i>DM</i>	A51	LIHUA LI et al.: "Hybrid Classification Method for False-Positive Reduction in CAD for Mass Detection," IWDM 2000, 5th International Workshop on Digital Mammography, pages 272-279, 2001, Medical Physics Publishing, Madison, Wisconsin	
<i>DM</i>	A52	ROBERT P. VELTHUIZEN: "Computer Description of Mammographic Masses," IWDM 2000, 5th International Workshop on Digital Mammography, pages 395-401, 2001, Medical Physics Publishing, Madison, Wisconsin	
<i>DM</i>	A53	ARMANDO BAZZANI et al.: "Automatic Detection of Clustered Microcalcifications Using a Combined Method and an SVM Classifier," IWDM 2000, 5th International Workshop on Digital Mammography, pages 161-167, 2001, Medical Physics Publishing, Madison, Wisconsin	
<i>DM</i>	A54	YOSHIHIRO HAGIHARA et al.: "Accurate Detection of Microcalcifications on Mammograms by Improvement of Morphological Processing," IWDM 2000, 5th International Workshop on Digital Mammography, pages 193-197, 2001, Medical Physics Publishing, Madison, Wisconsin	

Examiner Signature	<i>David Brown</i>	Date Considered	9/20/03
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		Filing Date	05/15/02
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<i>DLK</i>	A55	M. LANYI: "Diagnosis and Differential Diagnosis of Microcalcifications," Ductal Carcinomas of Varying Histologic Types, pages 44, 60, 61, 86, 95, 98-101, 110, 118-120, and 192, 1987, Springer-Verlag	
<i>DLK</i>	A56	DANIEL B. KOPANS: "The Positive Predictive Value of Mammography," AJR, March 1992, pages 521-526, Vol. 158, American Roentgen Ray Society	

Examiner Signature	<i>David Brown</i>	Date Considered	9/20/03
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OIPE JUL 31 2002 PATENT MARKS Sheet 1 of 1	Substitute for form 1449B/PTO		Complete if Known	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/063,806
	Date Submitted: July 31, 2002		Filing Date	05/15/02
	(Use as many sheets as necessary)		First Named Inventor	Dinko E. GONZALEZ TROTTER et al.
			Group Art Unit	Unassigned
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DOM	A1	J. A. SEIBERT "X-ray Scatter Removal by Deconvolution" pages 567-575, 1988 Am. Assoc. Phys. Med.	
DOM	A2	DINKO E. GONZALEZ TROTTER "Thickness-dependent Scatter Correction Algorithm for Digital Mammography"	
DOM	A3	JOHN J. HEINE, "Mammographic Tissue, Breast Cancer Risk, Serial Image Analysis, and Digital Mammography, Part 1, Academic Radiology, Vol. 9, pages 298-316, No 3, March 2002	
DOM	A4	JOHN J. HEINE "Mammographic Tissue, Breast Cancer Risk, Serial Image Analysis, and Digital Mammography, Part 2, Academic Radiology, Vol. 9, No. 3, pages 317-335, March 2002	
DOM	A5	JOHN M. BOONE "Scatter/Primary in Mammography: Comprehensive Results" pages 2408-2416, 2000 Am. Assoc. Phys. Med.	

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 Signature: _____ Considered: _____

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002.867 1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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